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MAIL STOP PATENT APPLICATION

Commissioner For Patents

P. O. Box 1450

Alexandria, VA 22313-1450

NEW NON-PROVISIONAL PATENT APPLICATION TRANSMITTAL**INVENTORS:** Jene A. Golovchenko, Derek Stein, and Jiali Li**FOR:** Pulsed Ion Beam Control of Solid State Features**1. Type of Application:**

Utility

2. Small Entity:

NO

3. Priority to Prior U.S. Application Under 35 U.S.C. §120:

This application is a continuation-in-part (CIP) and hereby claims priority under 35 U.S.C. §120 to the following application:

SERIAL NUMBER

10/186,105

FILING DATE

June 27, 2002

4. Benefit of Provisional Application under 35 U.S.C. §119(e):**SERIAL NUMBER**

60/421,908

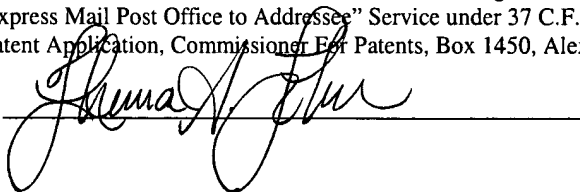
FILING DATE

October 29, 2002

EXPRESS MAIL Mailing Label No.: EU642936023US

Date of Deposit: October 28, 2003

I hereby certify that this New Application Transmittal and all documents referred to as being enclosed herein are being deposited with the United State Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. 1.10 on the date indicated above, and is addressed to Mail Stop Patent Application, Commissioner For Patents, Box 1450, Alexandria, VA 22313-1450.

Theresa A. Lober16834 U.S. PTO
10/695381
102803

5. Papers Enclosed Which are Required For Filing Date Under 37 C.F.R. §1.53:

This new application is filed with the following papers:

79 sheets of Specification, including claims, abstract and cover sheet

24 sheets of Informal drawings

6. Oath or Declaration:

Enclosed are 4 pages of an unsigned Declaration.

7. Assignee Indication on Front Page of Application Publication:

This invention is assigned to :President and Fellows of Harvard College, Cambridge, Massachusetts. Please indicate President and Fellows of Harvard College as assignee on the front page of the publication of this application.

8. Figure to be Included on the Front Page of Application Publication:

Please include Figure 18 on the front page of the application publication.

9. Filing Fee Calculation

For	No. Filed	No. Extra	Sm/Lg Rate	FEE
Basic Fee:	---	----	\$385/\$770	\$770.00
Total Claims:	<u>27</u> - <u>20</u> =	<u>07</u>	\$9/\$18	\$126.00
Independent				
Claims:	<u>06</u> - <u>03</u> =	<u>03</u>	\$43/\$86	\$258.00
Multiple				
Dep. Claims:	YES		\$145/\$290	\$290.00
<u>TOTAL FILING FEE:</u>				<u>\$1444.00</u>

10. Payment of Fees:

Enclosed is a check in the amount of \$1444.00 to cover the filing fee indicated above.
Please apply to Deposit Account No. 12-1760 any credits and any additionally required fees
beyond those indicated above and as prescribed by 37 C.F.R. §1.16 and §1.17.

11. Correspondence:

Please direct all correspondence to the following:

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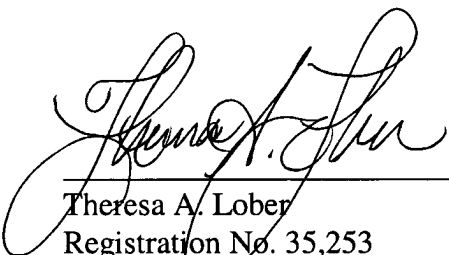
12. Return Receipt Postcards

Kindly return the enclosed self-addressed and stamped return post cards.

Respectfully submitted,

Date:

October 28, 2003


Theresa A. Lober
Registration No. 35,253
Agent for Applicants

The PTO did not receive the following
listed item(s). The check of \$ 1,444.00
but we got \$ 1,440.00